

AMENDMENTS TO THE CLAIMS

Claims 1-40 (canceled)

Claim 41 (Original): An antenna for transmitting current through biological tissue comprising
a pair of electrically conductive concave shells facing in opposed directions from each other.

Claim 42 (Original): The apparatus of claim 41, including
said concave shells having convex surfaces generally facing each other, and electrically insulative material disposed on said convex surfaces. **Claim 43 (Original):** The apparatus of claim 42, including said antenna electrodes being asymmetrical.

Claim 43 (original): The apparatus of claim 42, including
said antenna electrodes being asymmetrical.

Claim 44 (Original): The apparatus of claim 41, including
said antennas having a maximum thickness of less than about 4 mm.

Claim 45 (Original): The apparatus of claim 43, including
said antenna having an upper portion that is longer than the lower portion measured along the electrode.

Claim 46 (Original): The apparatus of claim 41, including
said concave shells having a generally circular configuration as viewed in end elevations.

Claim 47 (Original): The apparatus of claim 46, including
said antenna electrodes being generally symmetrical.

Claim 48 (Original): The apparatus of claim 41, including
said concave shells having a generally rectangular configuration as viewed in end elevation.